

FIG. 1A

Measles HA insert for N-P and P-M junctions

3699 SEQ ID NO: 1 3731
CTTAAGAAATATACAATAAGAAAACTTAGGATTAAAGAGCG
AIII Gene End IG Gene Start
ATG Measles HA ORF TAG
3594 SEQ ID NO: 2 3623
GATCCAACAAGAAACGACACCGAACAACCTTAAG
AIII

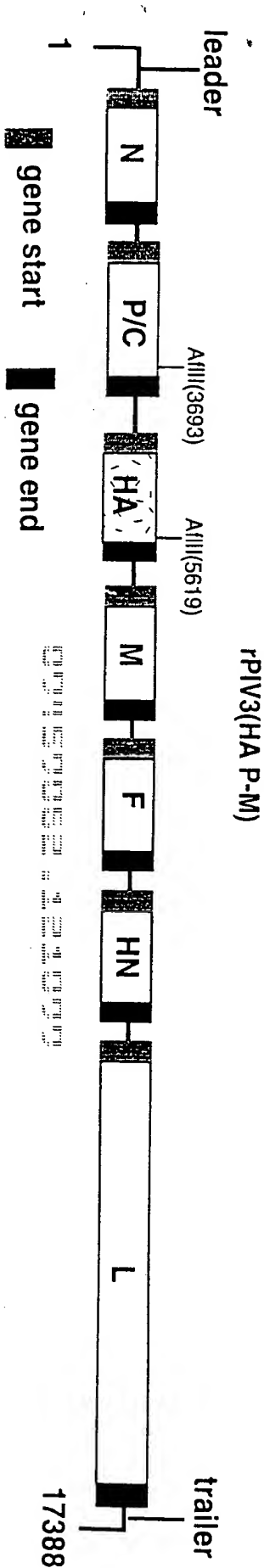
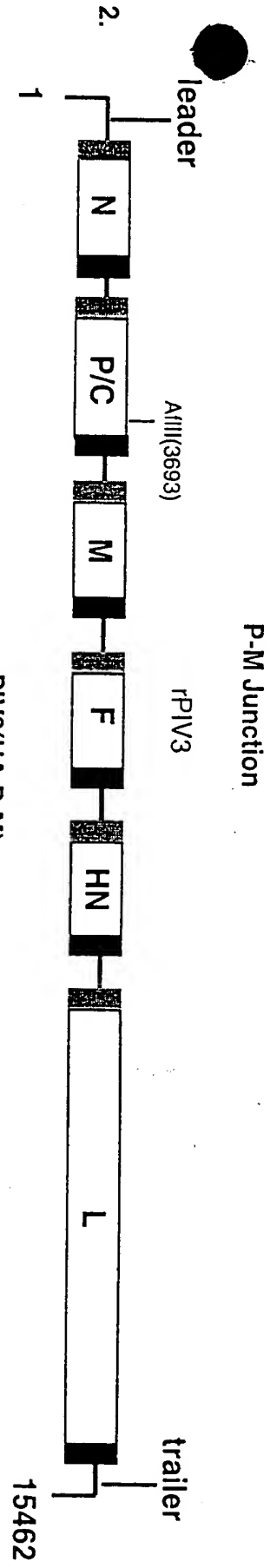
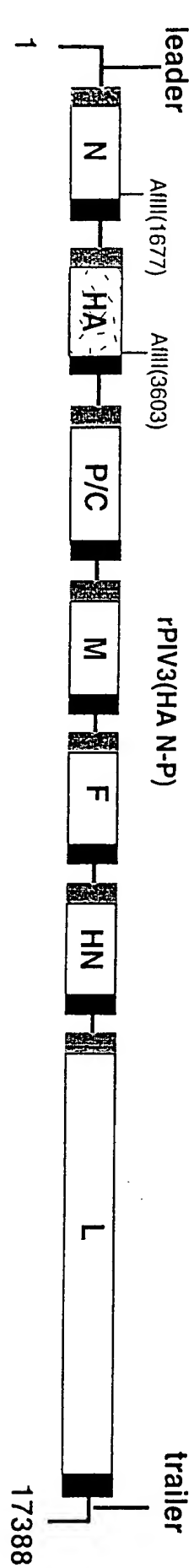
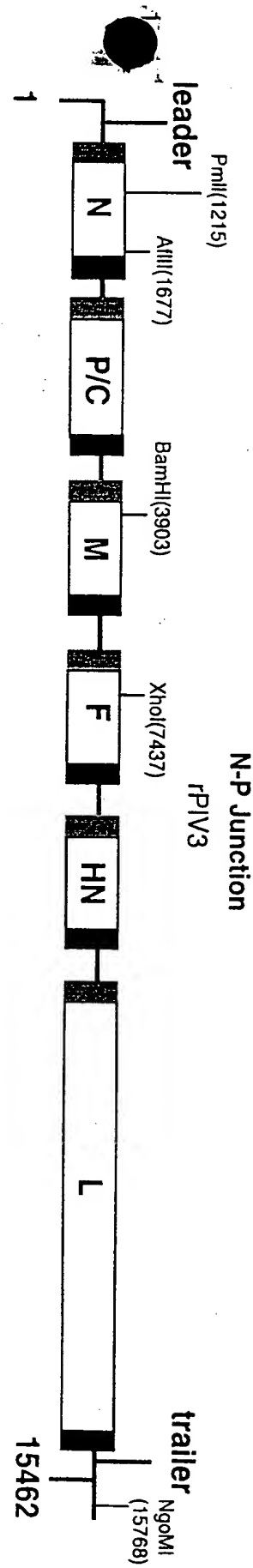


FIG. 1B

Measles HA Insert for the HN-L junction

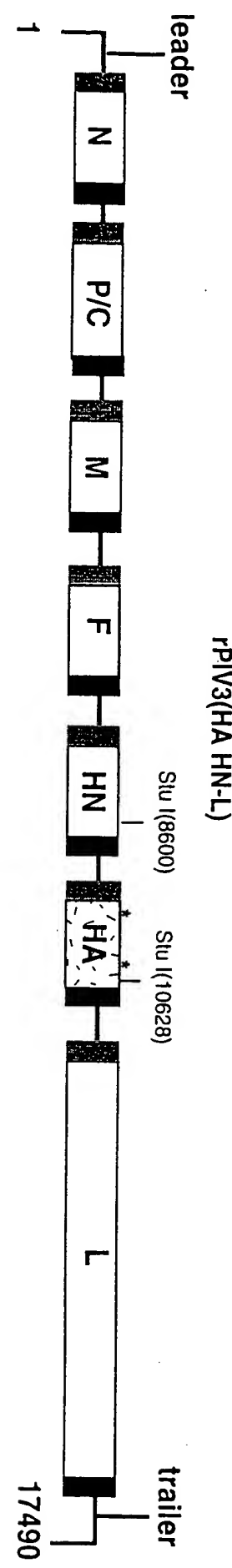
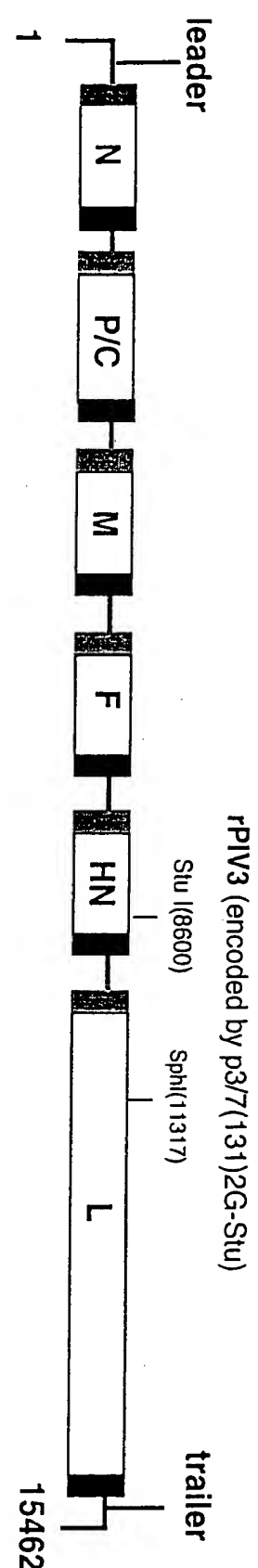
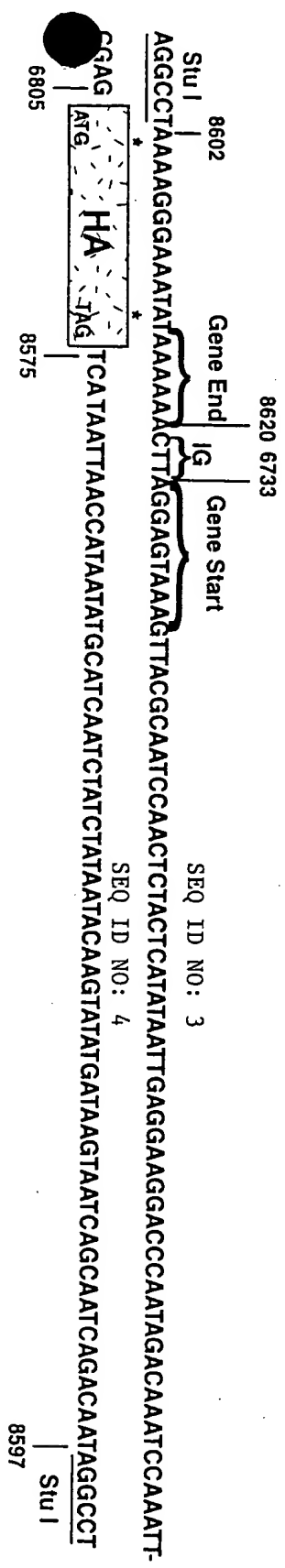


FIG. 1B

FIG. 2

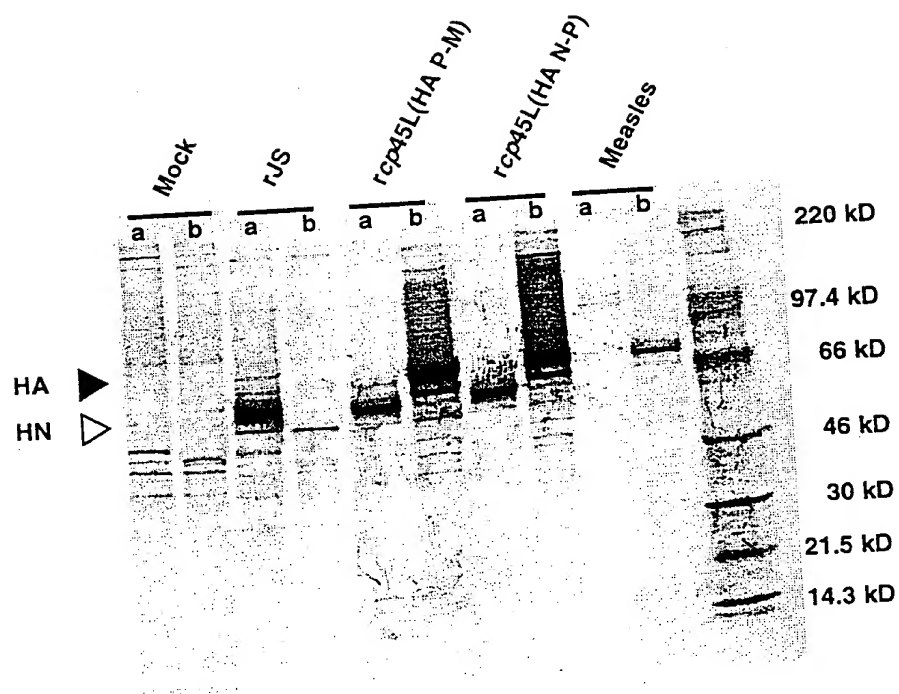


FIG. 3

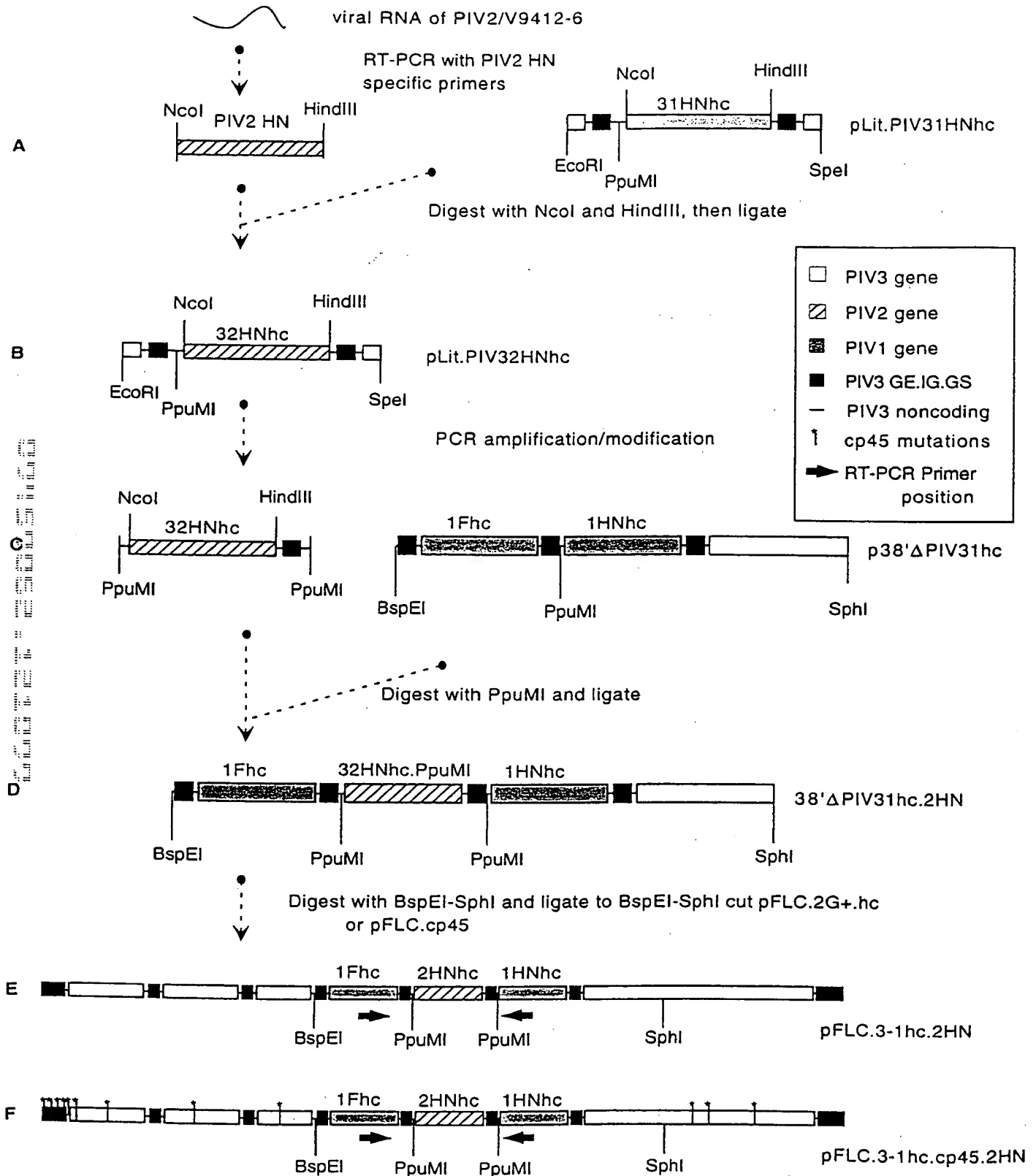


FIG. 4

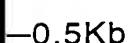
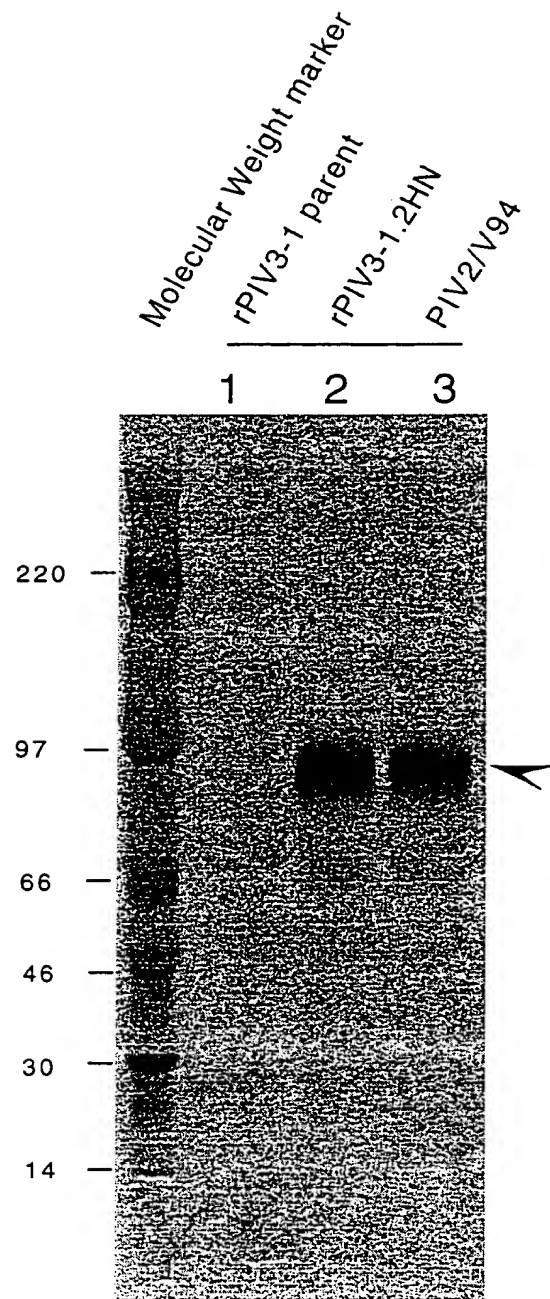


FIG. 5



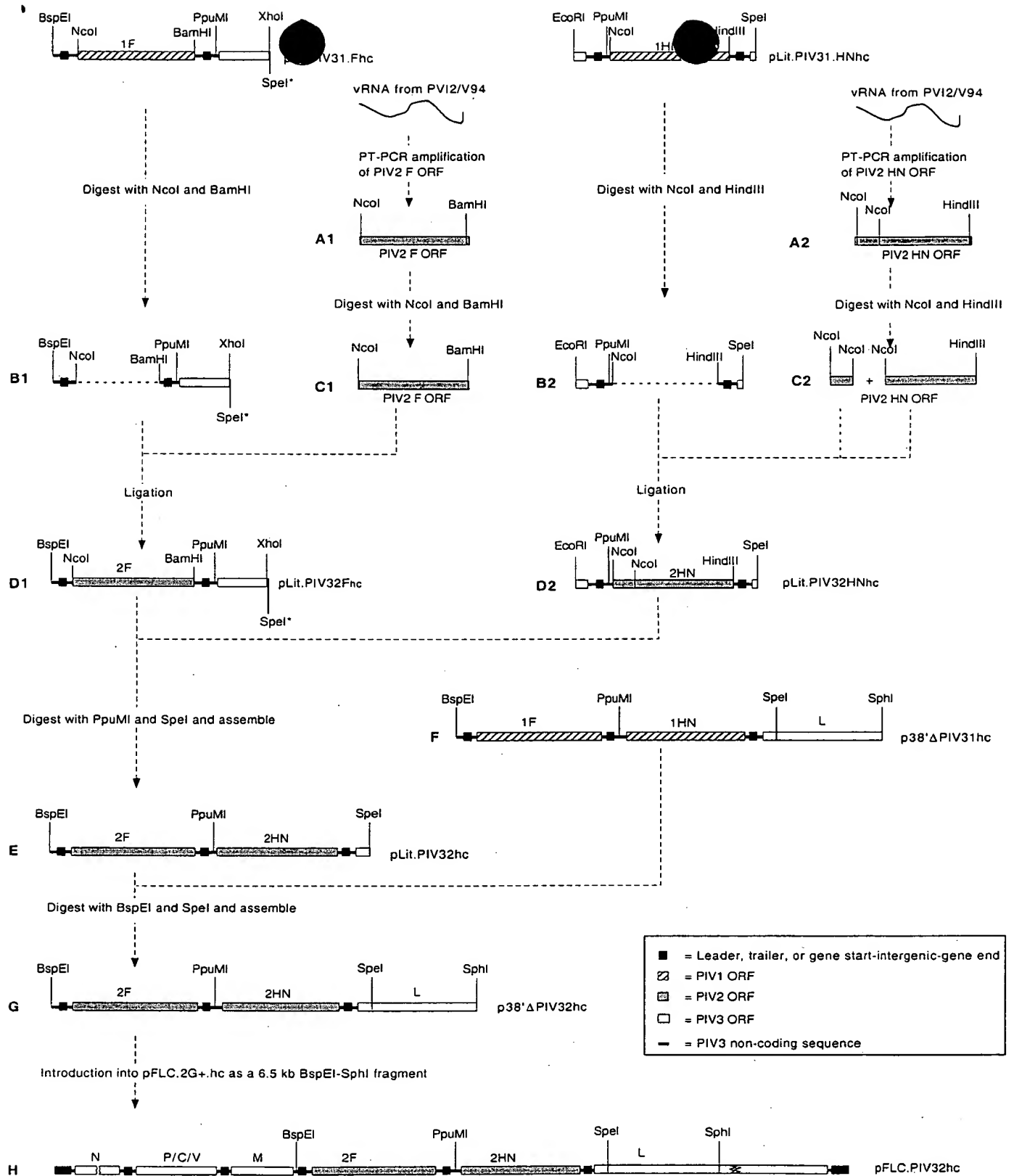


FIG. 6

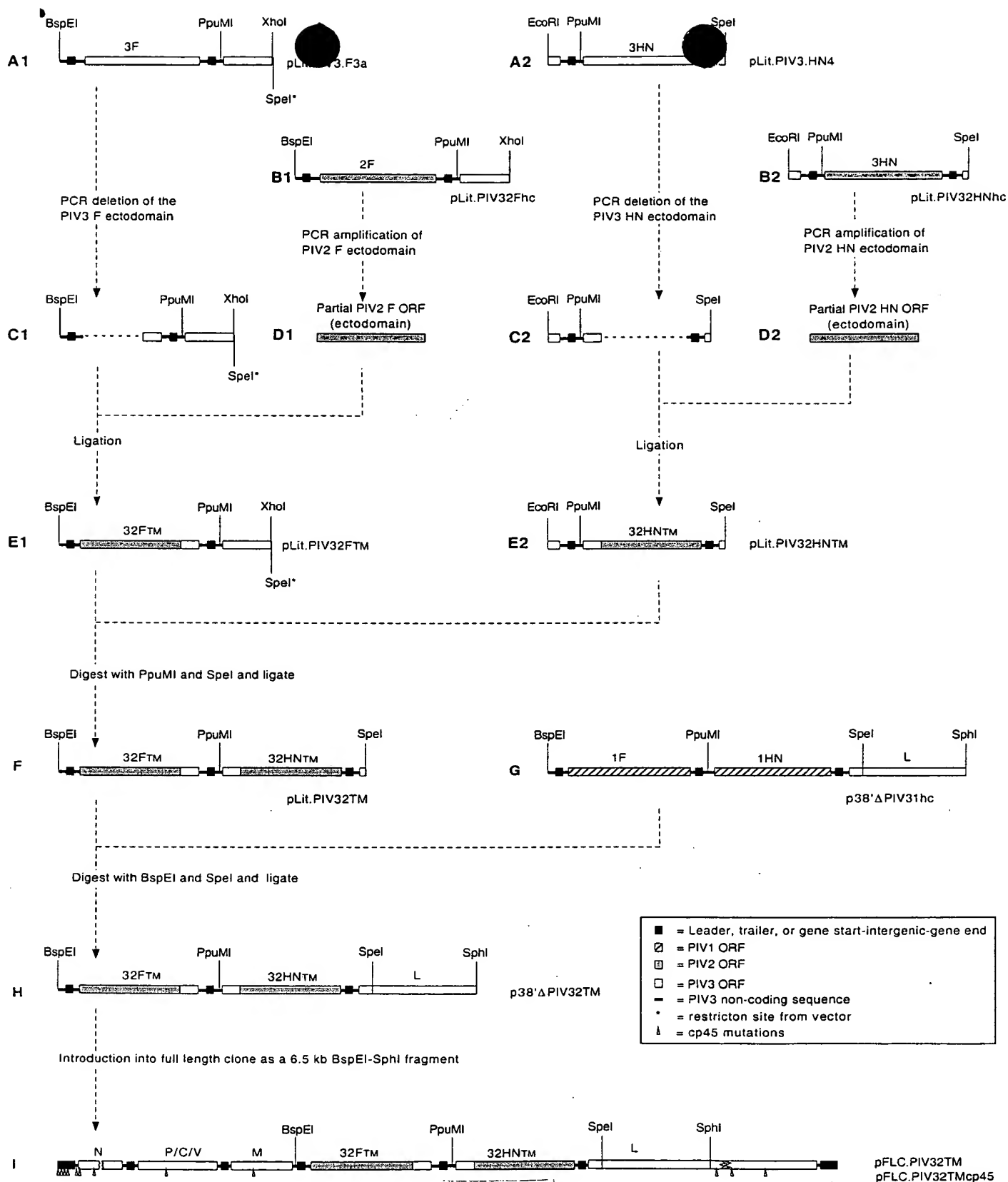


FIG. 7

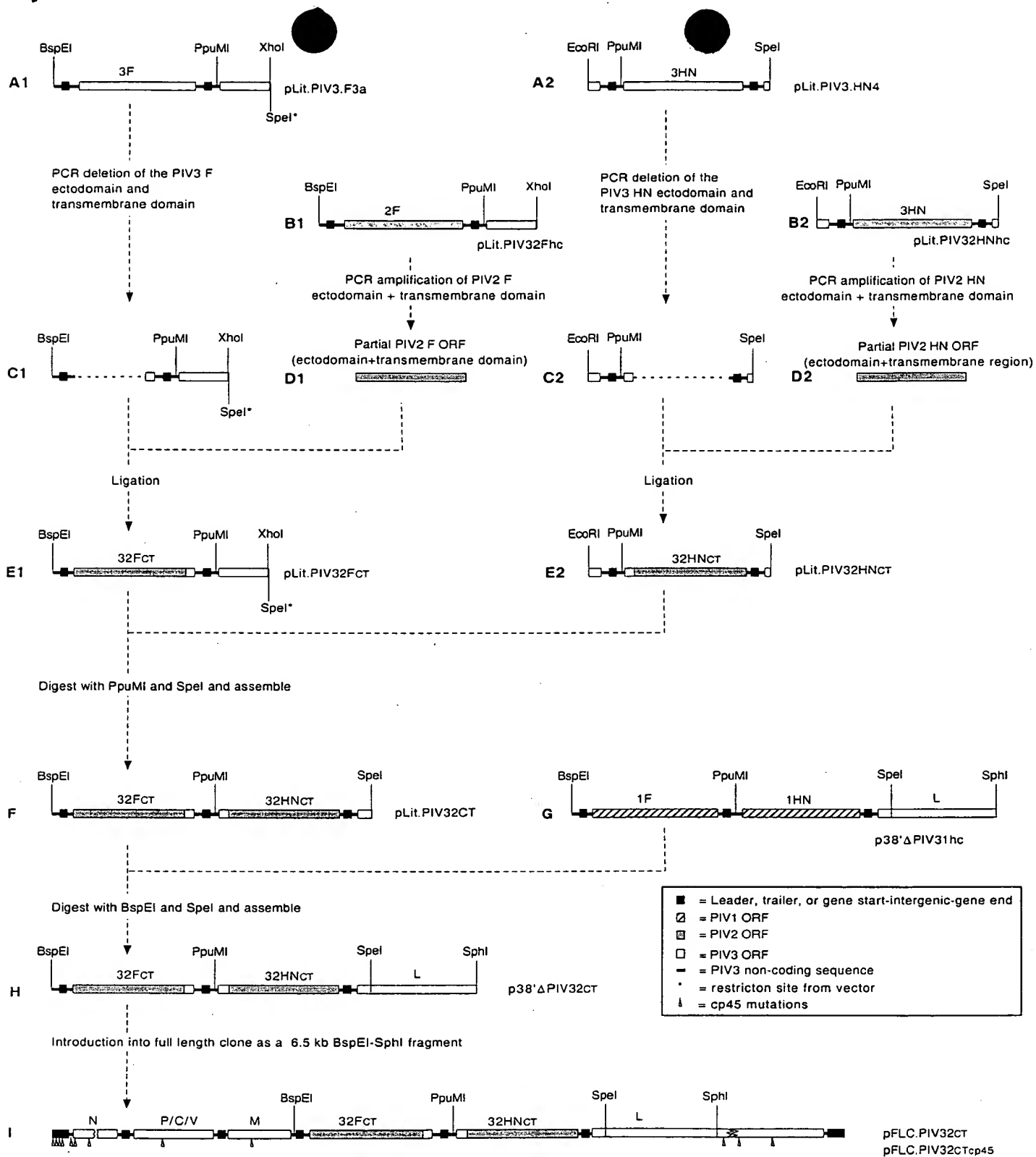
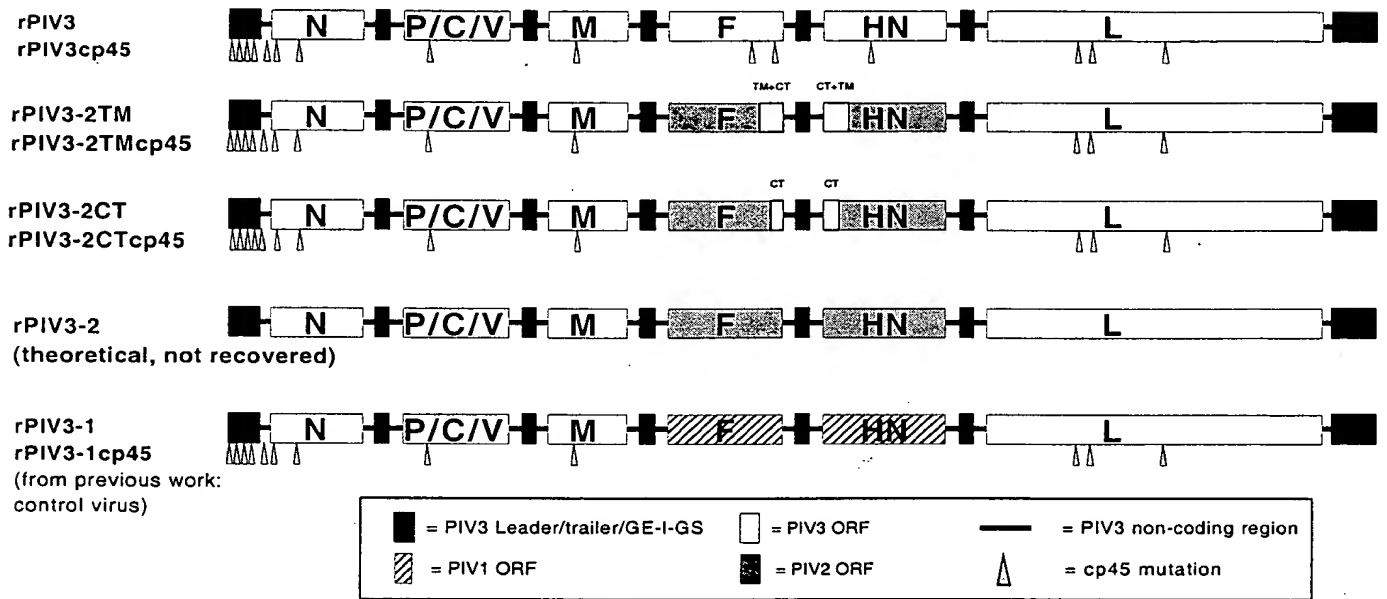
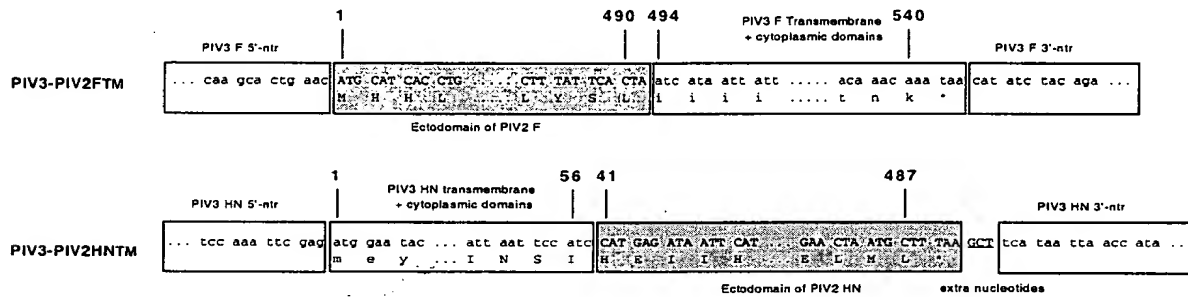


FIG. 8

A. Genetic structures of PIV3-2 chimeric viruses compared with PIV3 parent and rPIV3-1



B. Chimeric PIV3-2 F and HN constructs with transmembrane and cytoplasmic domains derived from PIV3 F and HN



C. Chimeric PIV3-2 F and HN constructs with cytoplasmic domain derived from PIV3 F and HN

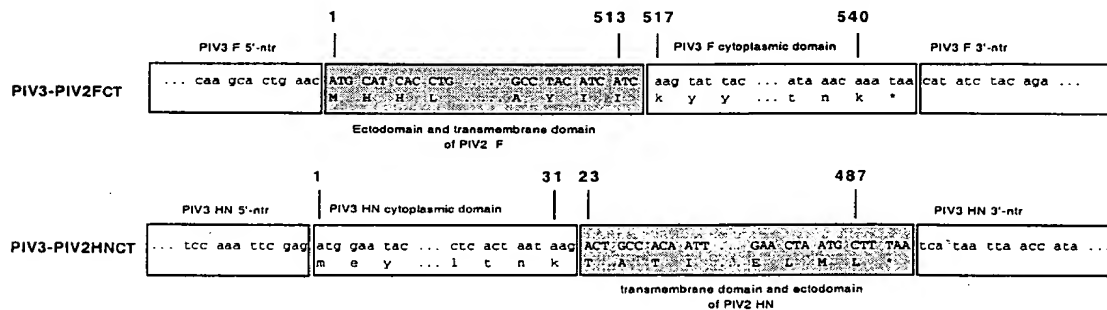


FIG. 9

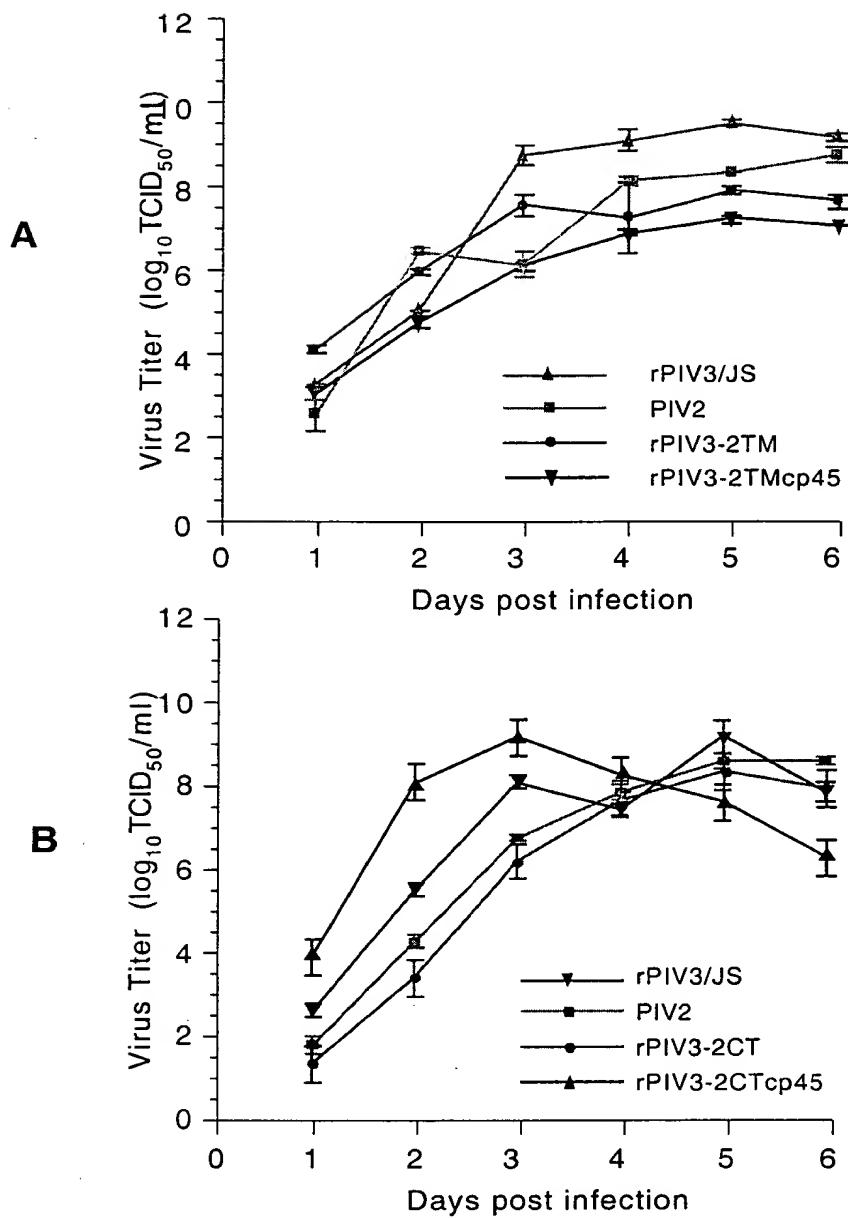


FIG. 10